

Abstract

A relay has a magnet system with a core partially enclosed by a coil. A yoke has a first yoke leg attached to a first end of the core and a second yoke leg extending parallel to the core. The second yoke leg has an armature mounting portion formed on an upper side of the second yoke leg remote from the coil. A pole has a first pole leg connected to a second end of the core and a second pole leg extending parallel to the core. The second pole leg has an upper surface substantially aligned with the armature mounting portion. A fixed contact is arranged on a fixed contact carrier substantially aligned with the second pole leg. The arrangement of the magnet system ensures precise positional alignment during extrusion coating with a plastic material.